Contents of Volume 115

Research Articles

C.S. Briscoe and K.P. Sebens (U.S.)
Omnivory in *Strongylocentrotus droebachiensis* (Müller) (Echinodermata : Echinoidea): predation on subtidal mussels (JEM 01001) 1
P. Peckol and J. Ramus (U.S.)
Abundances and physiological properties of deep-water seaweeds from Carolina outer continental shelf (JEM 01002) 25
C.J. Stone (U.K.)
Test of sequential feeding regimes for larvae of *Elminius modestus* Darwin (Cirripedia : Balanomorpha) (JEM 01003) 41
J.W. Bomber, R.R.L. Guillard and W.G. Nelson (U.S.)
Rôles of temperature, salinity, and light in seasonality, growth, and toxicity of ciguatera-causing *Gambierdiscus toxicus* Adachi *et* Fukuyo (Dinophyceae) (JEM 01004) 53
W.C. Dennison and D.J. Barnes (Australia, U.S.)
Effect of water motion on coral photosynthesis and calcification (JEM 01005) 67
T.S. Bianchi (U.S.)
Feeding ecology of subsurface deposit-feeder *Leitoscoloplos fragilis* Verrill. I. Mechanisms affecting particle availability on intertidal sandflat (JEM 01006) 79
C.W. Emerson, T.E. Minchinton and J. Grant (Canada)
Population structure, biomass, and respiration of *Mya arenaria* L. on temperate sandflat (JEM 01007) 99
C.D. Todd and S.J. Turner (U.K.)
Ecology of intertidal and sublittoral epifaunal assemblages. II. Nonlethal overgrowth of encrusting bryozoans by colonial ascidians (JEM 01008) 113
J.B. Neill (U.S.)
Experimental analysis of burrow defense in *Echinometra mathaei* (De Blainville) on Indo–West Pacific reef flat (JEM 01009) 127
W.B. Savidge and G.L. Taghon U.S.)
Passive and active components of colonization following two types of disturbance on intertidal sandflat (JEM 01010) 137
M.S. Grober (U.S.)
Responses of tropical reef fauna to brittle star luminescence (Echinodermata: Ophiuroidea) (JEM 01011) 157
E.D. De Ruyter van Steveninck, L.L. Van Mulekom and A.M. Breeman (The Netherlands)
Growth inhibition of *Lobophora variegata* (Lamouroux) Womersley by scleractinian corals (JEM 01012) 169
F. Bärlocher, J. Gordon and R.J. Ireland (Canada)
Organic composition of seafoam and its digestion by *Corophium volutator* (Pallas) (JEM 01013) 179
G. Slawyk, S. L'Helguen, Y. Collos and H. Freije (Argentina, France)
Quantitative determination of particulate organic N and C in marine-phytoplankton samples using mass-spectrometer signals from isotope-ratio analyses in ^{15}N- and ^{13}C-tracer studies (JEM 01014) 187
R.D. Clarke (U.S.)
Chance and order in determining fish-species composition on small coral patches (JEM 01015) 197
P.J. Fraboni and J.J. Poluhowich (U.S.)
Bohr-effect enhancement in *Anguilla rostrata* (LeSueur) hemoglobin treated with erythrocytic organic phosphates (JEM 01016) 213

M. L. H. Thomas and J. H. Himmelman (Canada)
Influence of predation on shell morphology of *Buccinum undatum* L. on Atlantic coast of Canada (JEM 01017) 221
B. Klein (France)
Variations of pigment content in two benthic diatoms during growth in batch cultures (JEM 01018) 237
P. Thuet, M. Charmantier-Daures et G. Charmantier (France)
Relation entre osmorégulation et activités d'ATPase Na^+-K^+ et d'anhydrase carbonique chez larves et postlarves de *Hommarus gammarus* (L.) (Crustacea: Decapoda) (JEM 01019) 249
J. Marra, L. W. Haas and K. R. Heinemann (U.S.)
Time course of C assimilation and microbial food web (JEM 01020) 263
M. Barange and J. M. Gili (Spain)
Feeding cycles and prey capture in *Eudendrium racemosum* (Cavolini, 1785) (JEM 01021) 281